Index of Claims

| Application/Control No. | Applicant(s)/Pate Reexamination | ent under |
|-------------------------|---------------------------------|-----------|
| 10/051,379              | TAKEKAWA ET                     | AL.       |
| Examiner                | Art Unit                        |           |

| Rejected | - | (Through numeral)<br>Cancelled |  |  |  |  |  |  |
|----------|---|--------------------------------|--|--|--|--|--|--|
| Allowed  | + | Restricted                     |  |  |  |  |  |  |

| N | Non-Elected  | A |
|---|--------------|---|
| 1 | Interference | 0 |

K. Wong

| A | Appeal   |
|---|----------|
| 0 | Objected |

2651

| Claim \ Date |          |                            |                     | Claim Date      |   |        |              |          | 1        | Cla                                | aim           | Date |                       |         |       |          |               |                  |          |  |        |  |   |        |
|--------------|----------|----------------------------|---------------------|-----------------|---|--------|--------------|----------|----------|------------------------------------|---------------|------|-----------------------|---------|-------|----------|---------------|------------------|----------|--|--------|--|---|--------|
|              |          | ৰি ।                       | $\top$              |                 |   |        |              |          |          | П                                  | $\neg \vdash$ |      | T I                   | 1       |       |          |               | T                |          |  |        | Т  | П   |        |
| Final        | Original | 0/11/10                    |                     |                 |   |        | ख            | Original |          |                                    |               |      |                       |         | ख     | Original |               |                  |          |  |        |  |   |        |
| iÈ           | Ę.       | 1/4                        |                     |                 |   |        | Final        | rig      |          |                                    |               |      | 1 [                   |         | Final | rig      |               |                  |          |  |        |  |   |        |
|              | 0        | 1                          |                     |                 |   |        |              | 0        |          |                                    | ı             |      | 1                     |         |       | 0        |               |                  |          |  |        |  | ]   |        |
|              | 1        |                            |                     |                 |   |        |              | 51       | $\dashv$ |                                    | $\neg$        |      | 111                   |         |       | 101      |               | 一                | $\vdash$ |  |        | $\dashv$   | ヿ   | ᅵ      |
|              | 2        | 1                          |                     | $\neg$          |   |        |              | 52       |          |                                    |               |      |                       | 1       |       | 102      |               |                  |          |  |        |  | ヿ   | _      |
|              | 3        |                            |                     |                 |   |        |              | 53       |          | $\vdash$                           |               |      |                       | 1       |       | 103      |               | 1                |          |  |        |  | ヿ   |        |
|              | 4        |                            |                     | $\top$          | $\dashv$                                | ₩      |              | 54       |          | T                                  | $\top$        |      | 111                   | -       |       | 104      |               | 1                | $\vdash$ |  |        |  | 寸   |        |
|              | 5        |                            |                     |                 |   |        |              | 55       |          | $\top$                             | 一             |      |                       | 1       |       | 105      |               | 1                |          |  |        | $\neg$   | ヿ   | $\neg$ |
|              | 6        |                            |                     |                 |   |        |              | 56       |          | T                                  | 1             |      |                       |         |       | 106      |               | 1                |          |  |        |  | $\exists$   | _      |
|              | 7        | $\mathbf{k}\mathbf{y}$     |                     | $\Box$          | $\neg \neg$                             |        |              | 57       |          | $\sqcap$                           |               |      |                       |         |       | 107      |               |                  |          |  | •      |  | ヿ   |        |
|              | 8        |                            |                     | $\top$          | $\sqcap$                                | 7      |              | 58       |          |                                    |               |      |                       |         |       | 108      |               | $\top$           |          |  |        |  | 寸   |        |
|              | 9        |                            |                     |                 |   |        |              | 59       |          |                                    |               |      |                       |         |       | 109      |               | $\neg$           |          |  | ·      |  | T   |        |
|              | 10       |                            |                     |                 |   |        |              | 60       |          |                                    |               |      |                       |         |       | 110      |               | 1                |          |  |        | $\Box$   | ヿ   |        |
|              | 11       |                            |                     | $\Box$          |   |        |              | 61       |          |                                    |               |      |                       | 1       |       | 111      |               |                  |          |  |        |  | $\neg$  |        |
|              | 12       |                            |                     | $\perp \Box$    |   |        |              | 62       |          | $\Box$                             | T             |      |                       | ]       |       | 112      |               | Т                |          |  |        |  | $\neg$  |        |
|              | 13       |                            |                     | $\perp \perp$   |   |        |              | 63       |          | $\Box \uparrow$                    |               |      |                       | ]       |       | 113      |               |                  |          |  |        |  | 1   |        |
|              | 14       |                            |                     |                 |   |        |              | 64       |          |                                    |               |      |                       |         |       | 114      |               | $\mathbf{I}^{-}$ |          |  |        |  |   |        |
|              | 15       | 100                        |                     |                 |   |        |              | 65       |          |                                    |               |      |                       |         |       | 115      |               |                  |          |  |        |  | ╛   |        |
|              | 16       |                            |                     |                 |   |        |              | 66       |          |                                    |               |      |                       |         |       | 116      |               | $\perp$          |          |  |        |  | T   |        |
|              | 17       |                            |                     |                 |   |        |              | 67       |          | LT                                 | $\Box$        |      |                       |         |       | 117      |               |                  |          |  |        |  | _1  |        |
|              | 18       |                            |                     |                 |   |        |              | 68       |          |                                    |               |      |                       |         |       | 118      |               |                  | П        |  | $\Box$ |  | П   |        |
|              | 19       |                            |                     |                 |   |        |              | 69       |          | $\Pi$                              | 1             |      |                       | 1       |       | 119      |               |                  |          |  |        |  | $\neg$  |        |
|              | 20       |                            |                     |                 |   |        |              | 70       |          |                                    |               |      |                       | 1       |       | 120      |               |                  |          |  |        |  | $\neg$  |        |
|              | 21       |                            |                     |                 | $\Box$                                  |        |              | 71       |          |                                    |               |      |                       | 7       |       | 121      |               |                  |          |  |        | $\neg$   | $\exists$   |        |
|              | 22       |                            |                     |                 |   |        |              | 72       |          | TTT                                |               |      |                       | 1       |       | 122      | $\Box$        |                  |          |  |        | $\neg$   | $\neg$  |        |
|              | 23       |                            |                     |                 |   |        |              | 73       |          |                                    |               |      |                       | 1       |       | 123      |               |                  |          |  |        | $\neg$   | $\exists$   |        |
|              | 24       |                            |                     |                 |   |        |              | 74       |          |                                    |               |      |                       | 1       |       | 124      | $\neg \vdash$ |                  | П        |  |        | $\neg$   | $\neg$  |        |
|              | 25       |                            |                     |                 |   |        |              | 75       |          |                                    |               |      |                       | 1       |       | 125      |               |                  |          |  |        |  | $\neg$  |        |
|              | 26       |                            |                     |                 |   |        |              | 76       |          |                                    |               |      |                       |         |       | 126      |               |                  |          |  |        |  | 丁   |        |
|              | 27       |                            |                     |                 |   |        |              | 77       |          | Li                                 |               |      |                       |         |       | 127      |               |                  |          |  |        | •  | $\Box$  |        |
|              | 28       |                            |                     |                 |   |        |              | 78       |          |                                    |               |      |                       |         |       | 128      |               | Ï                |          |  |        |  | П   |        |
|              | 29       |                            |                     |                 |   |        |              | 79       |          |                                    |               |      |                       |         |       | 129      |               |                  |          |  |        | $\Box$   | $\Box$  |        |
|              | 30       |                            |                     |                 |   |        |              | 80       |          |                                    |               |      |                       | ]:::::  |       | 130      |               |                  |          |  |        |  | $\Box$  |        |
|              | 31       |                            |                     |                 |   |        |              | 81       |          |                                    |               |      |                       |         |       | 131      |               |                  |          |  |        |  | $\Box$  |        |
|              | 32       |                            |                     |                 |   |        |              | 82       |          |                                    |               |      |                       |         |       | 132      |               |                  |          |  |        |  |   |        |
|              | 33       | Ш                          |                     |                 |   | _      |              | 83       |          |                                    |               |      |                       | ]       |       | 133      |               |                  |          |  |        | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ |        |
|              | 34       |                            | $\perp$             |                 |   | _      |              | 84       |          |                                    |               |      |                       | ]       |       | 134      |               |                  |          |  |        |  | $ \rfloor $   |        |
|              | 35       |                            | $\perp$             |                 | $\perp \perp 1$                         | _      |              | 85       |          |                                    |               |      |                       |         | -     | 135      |               |                  |          |  |        | $\prod$  | $oldsymbol{\bot}$   |        |
|              | 36.      | $\Box$                     | $\bot$              | $\perp$         |   | _      |              | 86       |          |                                    |               |      |                       |         |       | 136      |               |                  |          |  |        |  | ot  |        |
|              | 37       | ШШ                         |                     |                 | لــــــــــــــــــــــــــــــــــــــ | _      | $oxed{oxed}$ | 87       |          |                                    |               |      |                       |         |       | 137      |               |                  | Ĺ        |  |        |  | $ \rfloor $   |        |
|              | 38       | $\Box$                     |                     |                 |   | _      |              | 88       |          |                                    |               |      |                       |         |       | 138      |               |                  | $\Box$   |  |        | $oldsymbol{ol}}}}}}}}}}}}}}$ | $oldsymbol{\bot}$   |        |
|              | 39       | $\Box\Box$                 |                     | $\perp$         | ot                                      | _      |              | 89       |          | $\prod$                            |               |      |                       |         |       | 139      |               |                  |          |  |        |  | $oldsymbol{\bot}$   |        |
|              | 40       | $\Box$                     |                     |                 |   | _      |              | 90       |          |                                    |               |      |                       |         |       | 140      |               |                  |          |  |        | $\bot$   |   |        |
|              | 41       | $\Box$                     |                     | $\perp$         |   | _      |              | 91       |          |                                    |               |      |                       |         |       | 141      |               |                  |          |  |        | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$   | $\perp$   |        |
| L            | 42       |                            |                     | $\bot \bot$     | $\perp \perp$                           | _      |              | 92       | _        | $oldsymbol{\perp}oldsymbol{\perp}$ |               |      |                       |         |       | 142      |               |                  | Ш        |  |        | $\perp \!\!\! \perp$   | $oldsymbol{\perp}$  |        |
|              | 43       |                            |                     | $\perp \perp$   | ot                                      | _      |              | 93       | _        |                                    |               |      |                       |         |       | 143      | _1_           |                  |          |  |        | $\perp \! \! \! \! \! \! \! \perp$   | _[  |        |
| •            | 44       | _                          | $\bot\bot$          | $\bot \bot$     |   | _      |              | 94       | _        | $\sqcup \bot$                      | $\perp$       |      | $\sqcup$              |         |       | 144      |               | $\perp$          | $\sqcup$ |  |        |  | $\perp$   |        |
|              | 45       |                            | $\dashv \downarrow$ | $\dashv \dashv$ | $\dashv$                                | _      |              | 95       |          | $\sqcup$                           |               |      | $\sqcup \!\!\! \perp$ |         |       | 145      |               |                  | Щ        |  |        | $\perp$  | $\bot$  |        |
|              | 46       | $\sqcup \sqcup \sqcup$     | $\bot$              | $\bot \bot$     | $\perp$                                 | _      |              | 96       |          | $\sqcup \!\!\!\! \perp$            | $\perp$       |      | <u> </u>              |         |       | 146      |               |                  |          |  | $\Box$ | $\perp \downarrow$   | $\perp$   |        |
|              | 47       |                            | $\perp$             | $\bot \bot$     | $\perp$                                 | _      |              | 97       | _        | <u> </u>                           | $\bot$        |      |                       |         |       | 147      | $\perp$       | $\perp$          |          |  |        |  | ┙   |        |
|              | 48.      | $\sqcup \sqcup$            |                     | $\bot \bot$     |   | _      |              | 98       |          | $\perp \perp$                      |               |      |                       |         |       | 148      |               |                  | $\Box$   |  |        |  | ⅃   | ]      |
|              | 49       | $\sqcup \downarrow \sqcup$ | $\bot$              | $\bot \bot$     | _ _                                     | _ :::: |              | 99       | _        | $\perp$                            |               |      | 11_                   | Į III   |       | 149      | $\perp$       |                  |          |  |        |  | ot  |        |
|              | 50       |                            |                     |                 |   |        |              | 100      |          |                                    |               | _L   |                       | ]:::::[ | 1     | 150      |               |                  | L        |  |        | 丄  | $\perp$   |        |